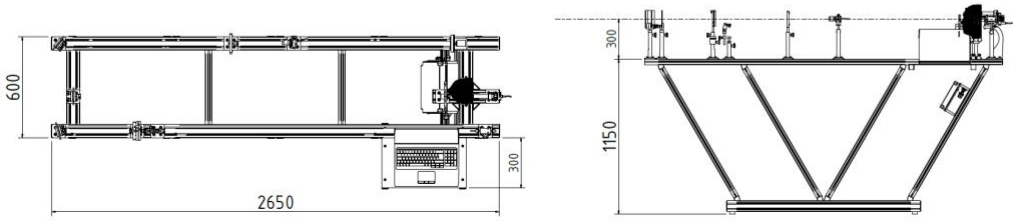
1188/3	**OBP 1046/Plus/2 Cam**	**An advanced system for testing refractive and astigmatic powers using a 24x telescope with a stepper motor-driven grid target. It features a camera for on-screen imaging, a sample holder, and automatic results calculation on a supplied PC. It also measures astigmatic power differences and calculates prismatic power automatically by means of a second camera.**





Technical features:

- Holder beam made from heavy-series ITEM aluminium profile 80×80 mm, total length 2.65 m.
- Four beam holders with height-adjustable feet, constructed from 60 × 60 mm square epoxy-painted steel tubes.
- 24×20 mm aperture telescope
- Motorized telescope focusing device, driven by a miniature high-power stepper motor; resolution 0.0127 mm.
- Variable-resistance sensor for displacement measurement.
- Adjustable sample holder with articulated arm and clamp
- Target illumination by LED lamp , diffuser and green interference filter.
- Target grid made from anodized black aluminium.
- Target rotation device (clockwise/counter-clockwise) driven by a small electric motor with gearbox.
- 2 mW laser diode with holder, 1 mm pinhole, and 25 mm diameter, 50 mm EFL achromatic lens.
- Three-hole diaphragm with 32 mm spacing between holes, with lens holder. Additional rotating ring with smaller spacing for testing small lenses, with 90 mm diameter and 1000 mm EFL achromatic lens. (automatic system also available with surcharge)
- Laser target screen made half transparent polycarbonate and graph paper with camera and related software .
- Lens holders, columns, column bases and fixing rings made from black anodized Anticorodal alu
- Plastic control box QUASM 7 microprocessor and power supply
- Original QI/GTM software for motor control, data acquisition and transmission..
- Set of six calibration lenses of different powers supplied (+/–0.06, +/–0.12, +/–0.25 diopters).
- USB output for PC connection.
- Software for data acquisition and results calculation.
- Required power supply: 230–240 V, 50 Hz.
- Weight: 120 kg.
- Overall dimensions: (LxWxH) 2650×900×1600 mm.

Scope of the device:

Equipment for testing the refractive and astigmatic powers of lenses and eyewear in accordance with EN 167 , ISO 12311 , ECE 22/06 and similar standards